

PDA 3000 series

Two Zone Mixing Amplifier



- 1 HU high / Full size format.
- 4Ω or 70V/100V system.
- Hi-Z output with 70Hz HPF filter and is isolated with a transformer.
- PA Mute function, Priority (TEL > PTT > MIC > BGM), Paging, Ducking.
- All Call and Zone paging function.
- Remote volume control.
- Limiter, output short, overheat protection.
- Each Input and output have Signal level indication.
- Tabletop or System Rack-mount.

Performance	PDA 3112	PDA 3124
Max Output Power @ 4Ω 1kHz, ≤ 1% THD	120W	240W
Continue Power	15W	30W
Input Sensitivity & Impedance	TEL: 100V/1V @600Ω, Balanced MIC/LINE 1~6: 1.5mV/200mV @600Ω, Balanced AUX 1~3: 500mV @47kΩ, Unbalanced Call station: 1V @47kΩ, balanced	
Line Out	1V @600Ω, Balanced	
Tone Control	Bass: ±12dB, 100Hz Treble: ±12dB, 10kHz	
Frequency Response	4Ω Output: 20~20kHz, +1/-3 dB 70/100V Output: 80Hz~15kHz, +1/-3dB	
S/N Ratio	TEL >70dB MIC >60dB LINE >70dB AUX >75dB	
Phantom Power	24VDC	
Nominal AC Line Voltage	100~240V, 50/60Hz	
Operation Temperature / Humidity	-10°C ~ +45°C @ 95% R.H. (Non-Condensing)	
Storage Temperature	-20°C ~ +70°C	
Dimensions (W x D x H)mm	430 x 315 x 44	
Weight	4kg	4.3kg

Feature

PDA 3000 series is 2 Zone DSP CLASS-D PA Mixing Amplifier with 6 microphone/line input and have Output Power rating from 120/240Watt @ 4Ω and Hi-Z.



- MIC1~6 input level control.
- MIC1~6 LED input level indication.
- AUX1: 3.5mm (MONO) jack input.
- SOURCE button, push to select AUX1~3 input, rotary to control input level.
- Z1/Z2 Zone output select button.
- Master VR controls total outputs level.
- Master LED Ring to indicate output level (VU meter).
- Hi/Lo Tone control.
- Power ON/OFF button.

Front Panel

Rear Panel

- TEL/EMG Input.
- TEL/EMG input level Gain control.
- MIC1: Phoenix Balanced input with PTT/ Chime function.
- MIC1: RJ45 Paging Microphone connector.
- MIC2 VOX trigger level control.
- MIC2~6: COMBO Balanced input.

- Dipswitch for MIC1~2:
 - 24V Phantom power.
 - Line/Mic input select.
 - PTT enable/disable.
 - Chime enable/disable.
 - Hi-Z/HPF.

- Dipswitch for MIC3~6:
 - 24V Phantom power.
 - Line/Mic input select.
- Line Out: XLR Balanced output.
- AUX2~3: RCA (MONO) Input.
- BGM ducking level control.
- CHIME level control.
- Remote panel RJ45 connector.
- 2-Zone Call station RJ45 connector.
- 4Ω /70V/100V Output Phoenix connector for Zone 1 and Zone 2.
- AC Input.

